

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047506.D  
 Acq On : 1 Dec 2020 21:10  
 Operator : CG/JU  
 Sample : L4793-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BA2

Quant Time: Dec 02 00:45:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 27590    | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 11.09 | 136  | 109206   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.87 | 164  | 87979    | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.61 | 188  | 229889   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.90 | 240  | 238523   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.30 | 264  | 251559   | 20.00 | ng/ul | -0.01    |

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| System Monitoring Compounds    |       |     |        |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.60  | 96  | 1673   | 2.20  | ng/uL | -0.01 |
| 5) Phenol-d5                   | 7.44  | 99  | 239    | 0.09  | ng/ul | 0.03  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67  | 20263  | 12.84 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.79  | 132 | 27108  | 14.61 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.96  | 113 | 19572  | 9.20  | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.43  | 128 | 14001  | 15.52 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.16 | 143 | 16914  | 17.18 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 30766  | 13.65 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 11.21 | 131 | 32140  | 14.10 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6       | 14.27 | 166 | 115774 | 15.33 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8          | 14.57 | 160 | 130876 | 14.99 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 15.04 | 143 | 16360  | 14.20 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.86 | 176 | 106566 | 15.40 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 21365  | 16.33 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.71 | 188 | 180418 | 15.82 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.97 | 212 | 247720 | 17.85 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 25.06 | 264 | 250414 | 17.29 | ng/ul | -0.02 |

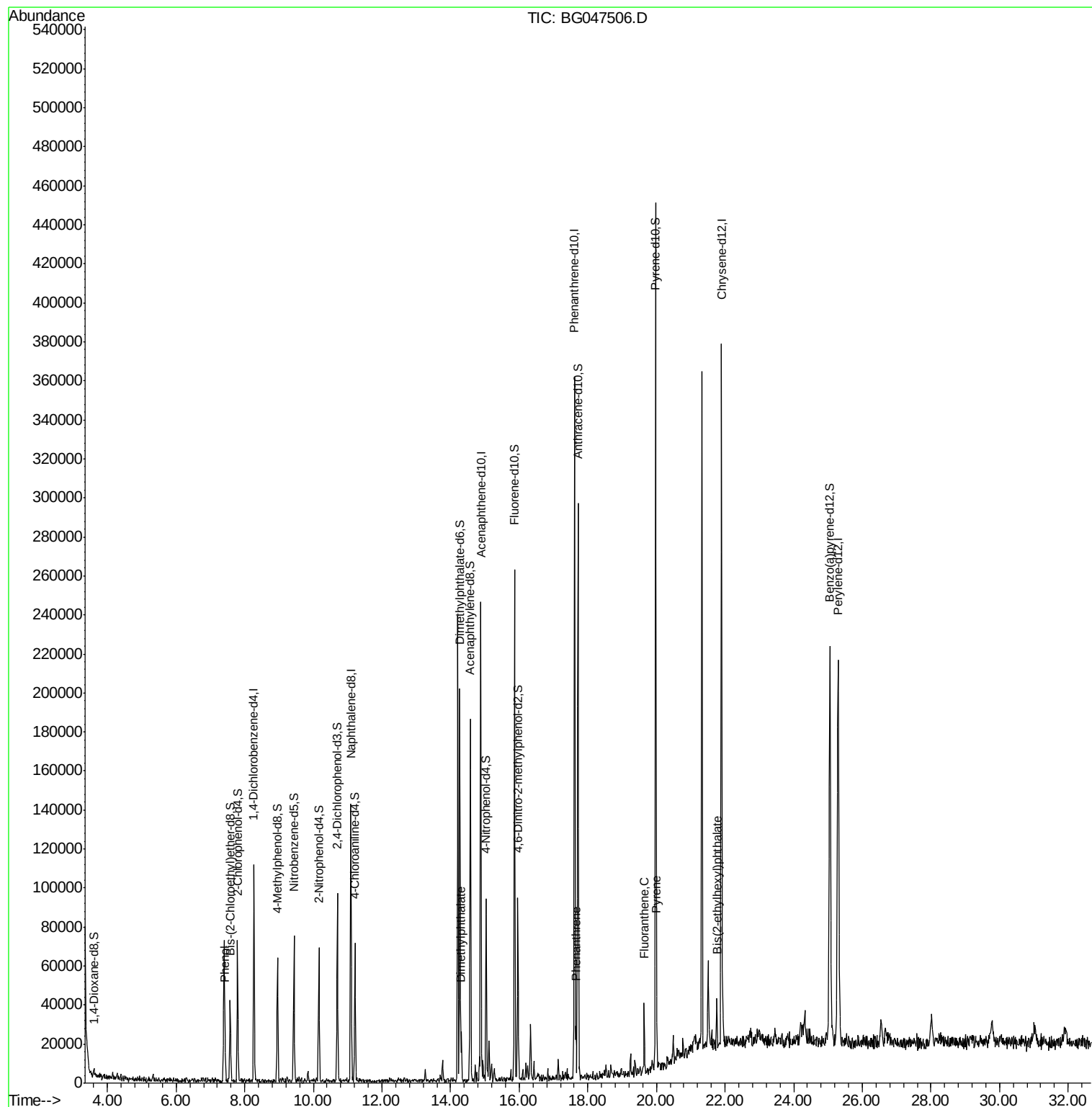
|                                |       |     |       |        |        |    |
|--------------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds               |       |     |       | Ovalue |        |    |
| 6) Phenol                      | 7.43  | 94  | 10520 | 3.968  | ng/ul# | 75 |
| 45) Dimethylphthalate          | 14.32 | 163 | 14117 | 1.832  | ng/ul# | 91 |
| 70) Phenanthrene               | 17.65 | 178 | 15824 | 1.275  | ng/ul# | 89 |
| 77) Fluoranthene               | 19.65 | 202 | 22645 | 1.444  | ng/ul# | 98 |
| 80) Pyrene                     | 20.00 | 202 | 18751 | 1.110  | ng/ul# | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 9609  | 1.162  | ng/ul# | 85 |

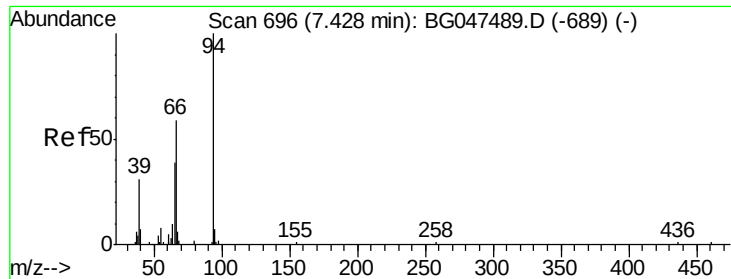
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 00:45:10 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Nov 23 13:14:53 2020  
Response via : Initial Calibration





#6

Phenol

Concen: 3.968 ng/ul

RT: 7.43 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG047506.D

Acq: 1 Dec 2020 21:10

Instrument :

BNA\_G

ClientSampleId :

C0BA2

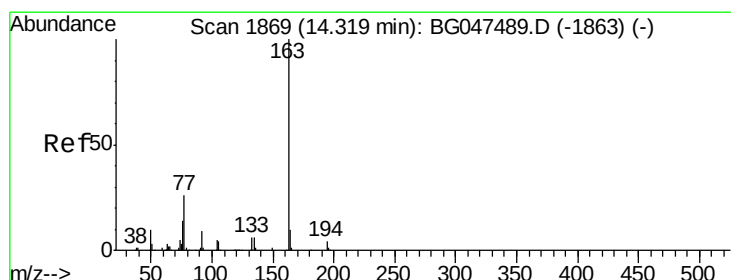
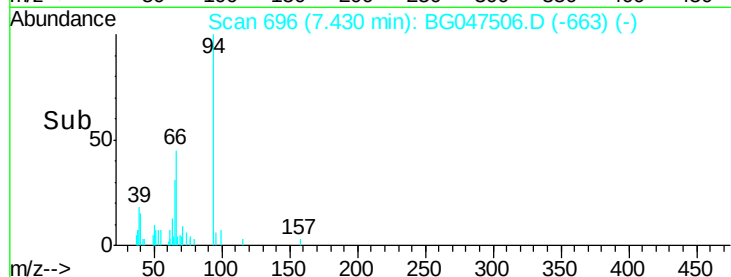
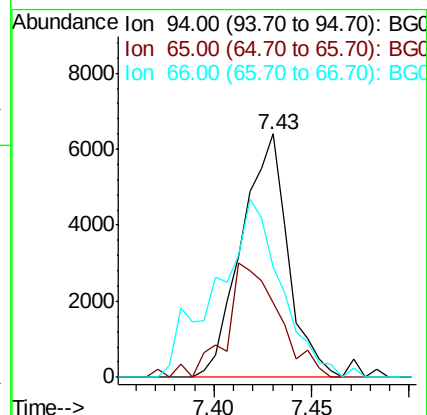
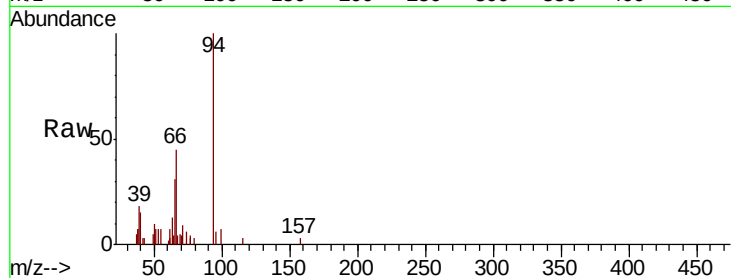
Tot Ion: 94 Resp: 10520

Ion Ratio Lower Upper

94 100

65 30.7 37.8 56.8#

66 45.4 51.6 77.4#



#45

Dimethylphthalate

Concen: 1.832 ng/ul

RT: 14.32 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG047506.D

Acq: 1 Dec 2020 21:10

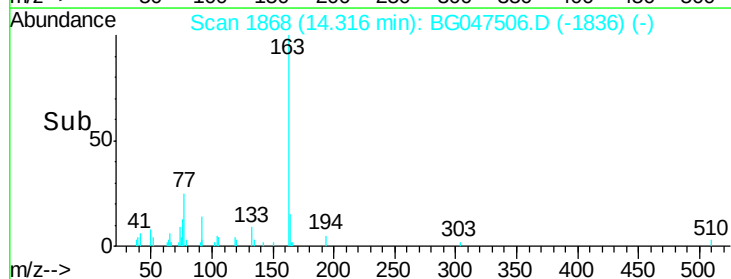
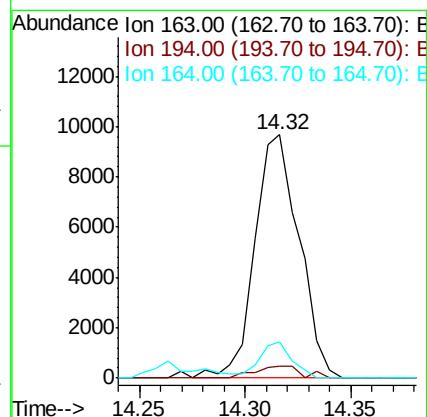
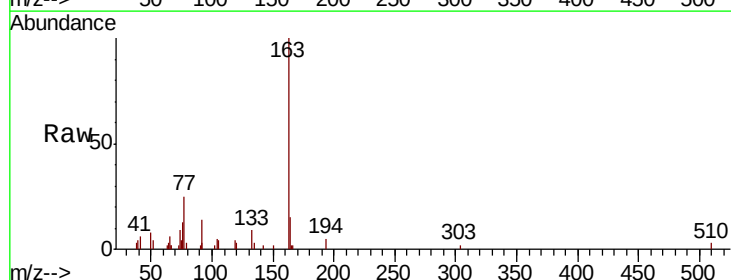
Tgt Ion:163 Resp: 14117

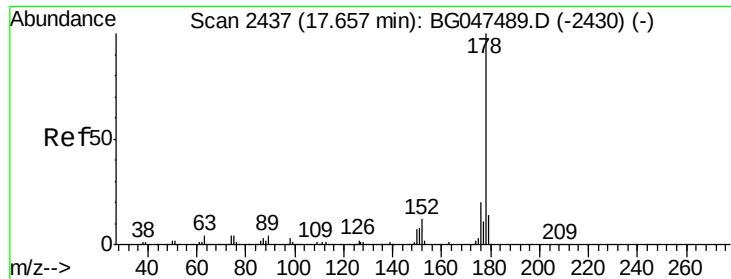
Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

164 15.0 8.5 12.7#





#70

Phenanthrene

Concen: 1.275 ng/ul

RT: 17.65 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BG047506.D

Acq: 1 Dec 2020 21:10

Instrument :

BNA\_G

ClientSampleId :

C0BA2

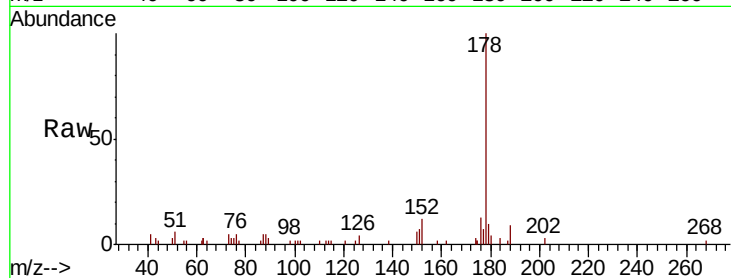
Tot Ion:178 Resp: 15824

Ion Ratio Lower Upper

178 100

179 9.6 11.8 17.6#

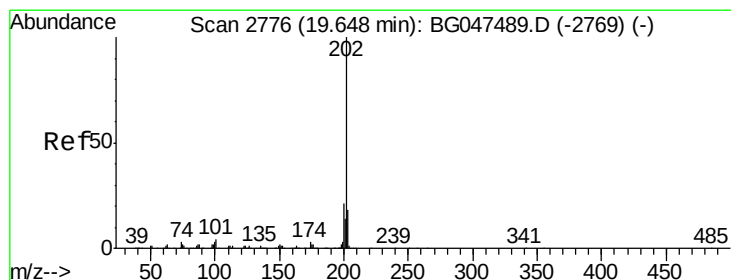
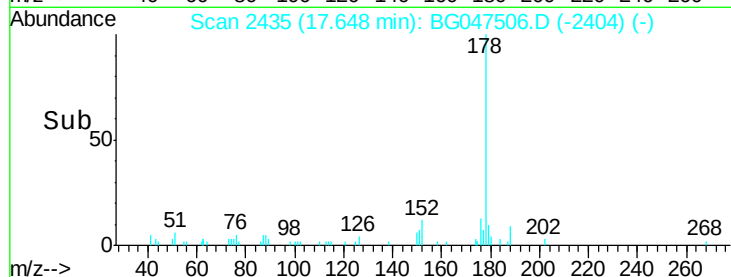
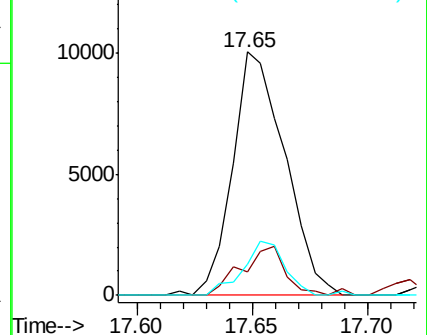
176 13.0 13.9 20.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 1.444 ng/ul

RT: 19.65 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG047506.D

Acq: 1 Dec 2020 21:10

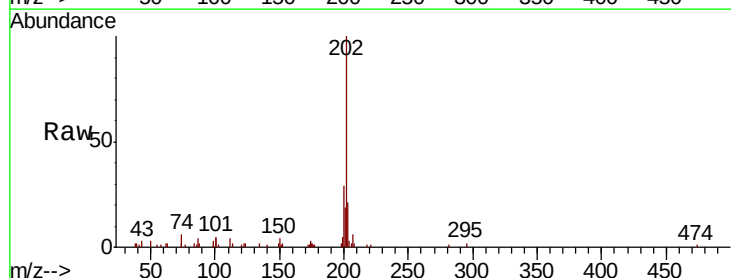
Tgt Ion:202 Resp: 22645

Ion Ratio Lower Upper

202 100

101 4.8 3.0 4.6#

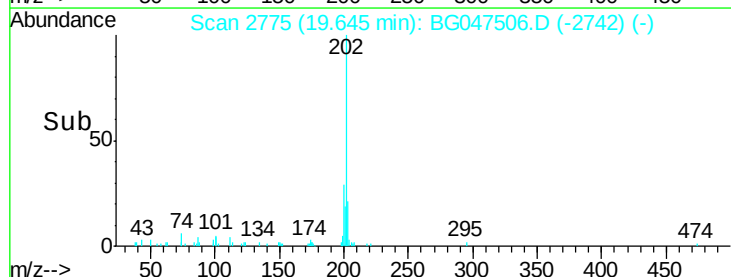
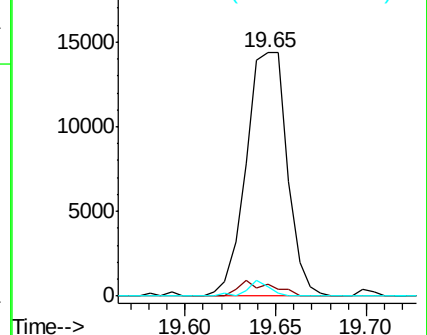
100 3.9 3.0 4.6

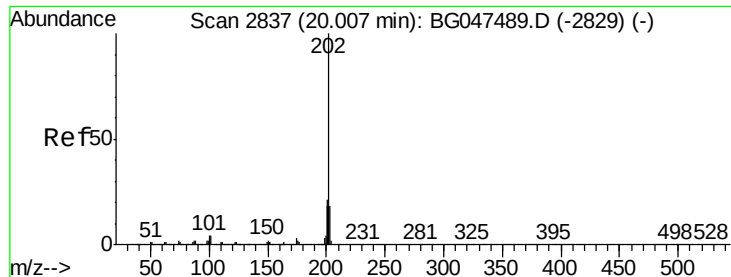


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 1.110 ng/ul

RT: 20.00 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG047506.D

Acq: 1 Dec 2020 21:10

Instrument :

BNA\_G

ClientSampleId :

C0BA2

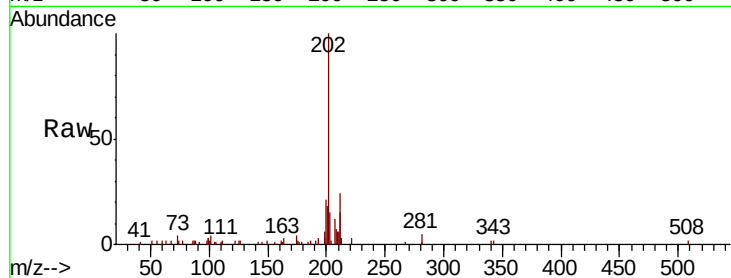
Tot Ion:202 Resp: 18751

Ion Ratio Lower Upper

202 100

101 4.4 3.5 5.3

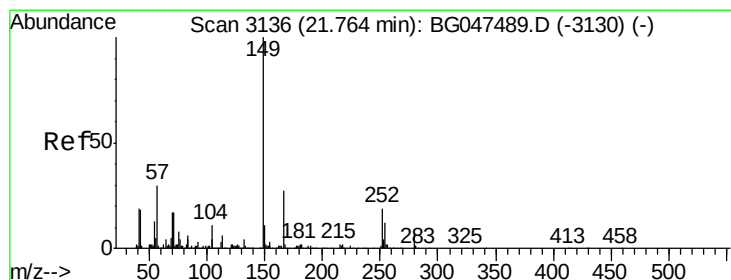
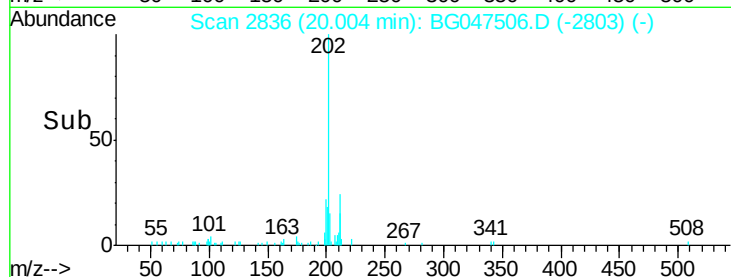
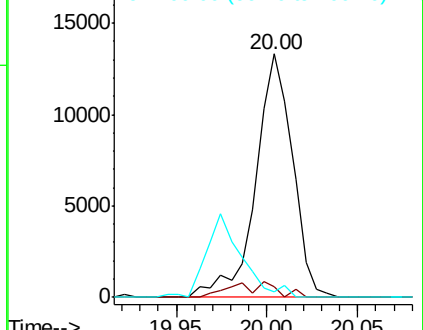
100 2.5 3.4 5.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.162 ng/ul

RT: 21.76 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG047506.D

Acq: 1 Dec 2020 21:10

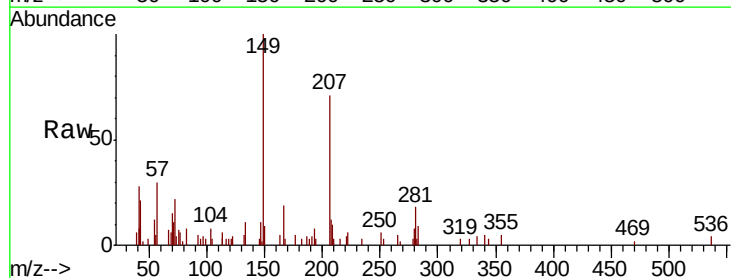
Tgt Ion:149 Resp: 9609

Ion Ratio Lower Upper

149 100

167 19.2 23.4 35.2#

279 8.0 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

